

# PATENT ABSTRACTS OF JAPAN

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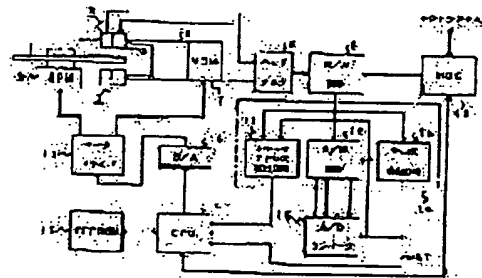
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## (54) MAGNETIC DISK DEVICE AND HEAD POSITIONING CONTROL SYSTEM APPLIED THERETO

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a magnetic disk device capable of contriving sure head positioning control and also a high density of track in the magnetic disk device using a read/write separating head.

**SOLUTION:** In an HDD using the read/write separating head 3, the positioning control of the head 3 is executed by a CPU 14 with the use of a servo information which is preliminarily recorded in the servo area on the disk 1. At this time, a final setting point of the head 3 is decided by the CPU 14 in accordance with each of the read operation and write operation, while referring the table information stored in a memory 19. In accordance with this decision, the read head 4 is positioned in the range of an objective track at the time of read operation, and a write head 5 is positioned in the range of the objective track at the time of write operation.



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